

WHAT is CLAIMED.

1). A device for supplying glaze in rotary machines for decoration of ceramic tiles, of a type where, on a mobile rest plane on which the tiles are translated in a predetermined direction, the following operate: a matrix-bearing cylinder, mobile in rotation about an axis thereof, which matrix-bearing cylinder is provided with at least an elastically-deformable peripheral part having a smooth external cylindrical surface made of an elastomer material, on which smooth external cylindrical surface a shape is cut and recessed, which shape is a matrix; at least a doctor predisposed for operating in contact with the external surface of the matrix-bearing cylinder; a supply of glaze being contained in a chamber delimited between the at least a doctor and a portion of the external cylindrical surface of the cylinder facing the doctor in a relative zone of contact there-between; wherein it comprises:

a guide which is parallel to the doctor, which guide extends for at least an entire length of the at least a doctor and which guide is located superiorly to a part of the at least a doctor which part is destined to come into contact with the external cylindrical surface of the matrix-bearing cylinder;

a flexible element which is destined to slide along the guide and to support at least a flexible conduit for supply of glaze, which flexible conduit terminates in a discharge end which is located superiorly to the chamber;

the flexible element being partially wound about and partially coupled in rotation on a drive wheel which can rotate in two directions.

2). The device of claim 1, wherein the flexible element is an articulated chain which is predisposed to mesh with a cogging exhibited peripherally on the drive wheel.

3). The device of claim 2, wherein the drive wheel is powered by a step motor which is supported, together with the at least a doctor, to a slide which is constrained to a frame, which slide can slide in a vertical direction with respect to the frame.